In the Claims

1-312 (cancelled).

WHAT IS CLAIMED IS:

313. (New) A gastric stimulation device comprising:

an electronics unit configured for advancement through an esophagus to within a hollow gastric organ having an organ wall;

at least one electrode coupled with the electronics unit, wherein the at least one electrode is positionable in electrical contact with the organ wall at a predetermined location so that electrically stimulating signals are deliverable from the electronics unit to the organ wall.

314. (New) A device as in claim 313, wherein the at least one electrode comprises a plurality of electrodes, each positionable at a separation location along the organ wall.

315. (New) A device as in claim 314, wherein each location is at least approximately 5-10mm apart.

316. (New) A device as in claim 314, wherein each of the plurality of electrodes is coupled to the electronics unit by a lead.

317. (New) A device as in claim 313, wherein the at least one electrode includes an anchor which is advanceable through the organ wall.

318. (New) A device as in claim 317, wherein the anchor is configured to position the at least one electrode within the organ wall when the anchor is advanced through the organ wall.

319. (New) A device as in claim 317, wherein the anchor is configured to mechanically support the electronics unit.

320. (New) A device as in claim 319, wherein the anchor is advanceable through the organ wall at a single location so as to mechanically support the electronics unit at the same location as delivery of electrically stimulating signals.

321. (New) A device as in claim 319, wherein the at least one electrode includes a first electrode disposed on the anchor configured to mechanically support the electronics unit at a first location along the organ wall and a second electrode positionable at a second location along the organ wall.

322. (New) A device as in claim 321, wherein the hollow gastric organ comprises a stomach having a fundus, and wherein the first location is disposed in or near the fundus and the second location is disposed away from the fundus.

323. (New) A device as in claim 313, wherein each of the at least one electrodes includes an electrode anchoring device, and wherein each of the electrode anchoring devices is advanceable through the organ wall at a separate location.

324. (New) A device as in claim 323, wherein at least one of the electrode anchoring devices includes an expandable element positionable against an outer surface of the organ wall.

325. (New) A device as in claim 324, further comprising at least one bumper positionable against an inner surface of the organ wall to assist in holding at least one of the electrodes in place.

326. (New) A gastrointestinal stimulation device comprising:

at least one electrode configured to be positioned in electrical contact with tissue of a gastrointestinal tract;

electronic circuitry electrically configured to be coupled to the at least one electrode and configured to deliver electrically stimulating signals to the tissue through the at least one electrode; and

an attachment device coupled to the electronic circuitry and operative to attach the electronic circuitry to tissue of the gastrointestinal tract from within the gastrointestinal tract.

327. (New) The device of claim 326, wherein the attachment device comprises an expanding portion configured to engage a wall of the gastrointestinal tract.

328. (New) The device of claim 326, wherein the attachment device comprises

a first portion configured to extend into a wall of the gastrointestinal tract when deployed, and

a second portion distal of the first portion configured to engage the wall of the gastrointestinal tract when deployed.

329. (New) The device of claim 328, wherein the second portion comprises an expandable element configured to expand to engage the wall of the gastrointestinal tract.

330. (New) The device of claim 326, wherein the electrically stimulating signals includes at least one signal to affect a nerve associated with the gastrointestinal tract or a muscle contraction of the gastrointestinal tract or a combination of these.

331. (New) The device of claim 326 wherein the attachment device comprises

a first portion configured to extend through a wall of the gastrointestinal tract when deployed,

a second portion distal of the first portion, wherein the second portion is configured to engage an outside surface of the wall when deployed, and

a retaining portion configured to engage an inside surface of the wall.

332. (New) A method of stimulating an organ of a digestive tract of a patient comprising the steps of:

providing a stimulator including an attachment device and electronic circuitry arranged to deliver electrically stimulating signals to the organ;

advancing the stimulator through an esophagus of the patient and towards an attachment site on the organ of the digestive tract; and

attaching the stimulator to the attachment site with the use of the attachment device.

333. (New) A method of stimulating an organ of a digestive tract of a patient comprising the steps of:

providing a stimulator including electronic circuitry arranged to deliver electrically stimulating signals to the organ;

advancing the stimulator through an esophagus of the patient and towards an attachment site on the organ of the digestive tract; and

implanting the stimulator at the implantation site.

334. (New) The method of claim 333, further comprising providing an anchor configured to anchor the electronic circuitry to the organ, and wherein implanting further comprises attaching the anchor to the organ.

335. (New) The method of claim 334, wherein implanting further comprises attaching the electronic circuitry to the anchor.

336. (New) The method of claim 334, wherein implanting further comprises attaching the stimulator to the anchor.

Respectfully submitted,

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